S. QUEVEDO.

ADJUSTABLE SHOE HEEL.

APPLICATION FILED OCT. 15, 1915.

1,280,836. Patented Oct. 8, 1918.

Fig. 1.

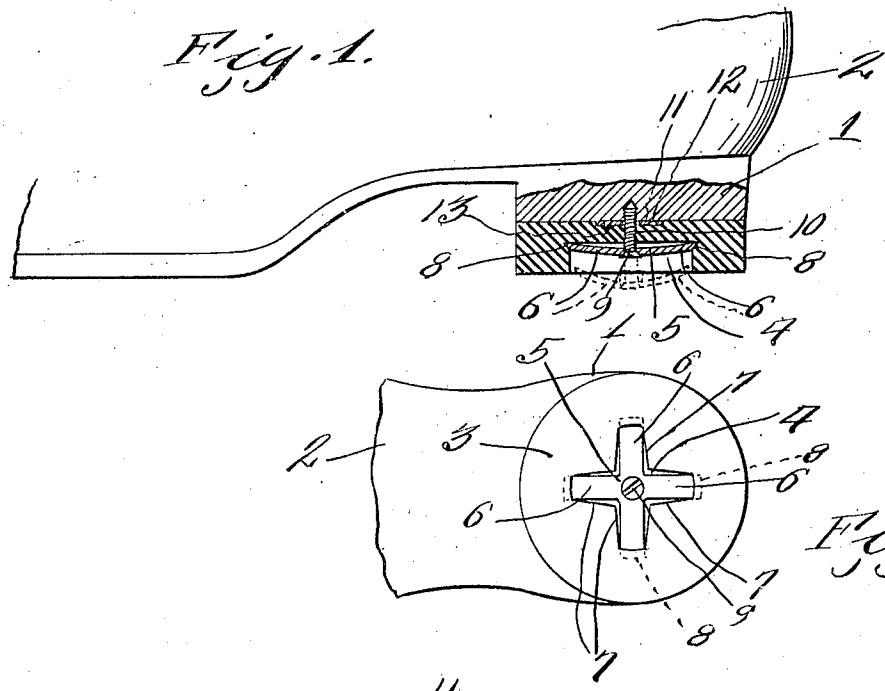
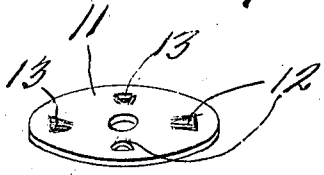


Fig. 2.



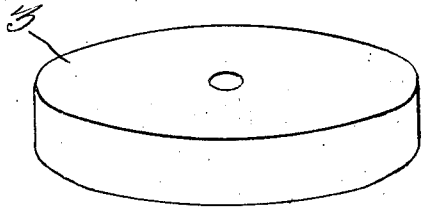
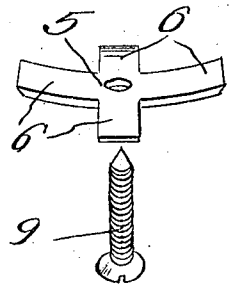


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

SOTERO QUEVEDO, OF HABANA, CUBA.

ADJUSTABLE SHOE-HEEL.

1,280,836. Specification of Letters Patent. Patented Oct. 8, 1918.

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To all whom it may concern:

Be it known that I, SOTERO QUEVEDO, a citizen of the Republic of Cuba, residing at Habana, Island of Cuba, have invented a new and useful Adjustable Shoe-Heel; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improved adjustable shoe heel, applicable to shoes or boots, and which may be held against movement when once adjusted.

An object of the invention is to provide means for securing an adjustable cushion heel on the heel of a shoe yieldably, in such wise that the cushion heel may be adjusted in different positions as wanted or required, as it wears, so that the cushion heel may wear evenly.

A further object of the invention is to provide means to prevent the securing screw from pulling through the cushion or rubber heel, and after the heel has been once adjusted, to provide means to prevent the same from turning.

In practical fields the details of construction may necessitate alterations, falling within the scope of what is claimed.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—

Figure 1 is a view of a portion of a shoe, showing the heel thereof in section, and the cushion heel applied thereto.

Fig. 2 is a bottom plan view.

Fig. 3 illustrates collective views of the several parts for securing the cushion or rubber heel to the heel of the shoe.

Referring to the drawings, 1 designates a part of the heel portion of the shoe 2, whereas 3 denotes the adjustable cushion or rubber heel, which is circular or annular, as preferably shown. This cushion or rubber heel upon its under surface is provided with a depression 4. A plate 5, which is concavo convexo in cross section, is provided. This plate is yieldable and has a plurality of yieldable tongues 6, which engage correspondingly shaped recesses 7 of the depression, and when the plate is depressed upwardly, the tongues wedge or embed into the end walls of the recesses 7, as shown at 8, thereby yieldably holding the cushion heel in place. The plate 5 has a central aperture to receive the screw 9, which passes through the cushion or rubber heel as shown at 10, and is threaded into the heel 1. The screw also passes through the plate 11, which is arranged between the rubber or cushion heel and the heel 1. This plate 11 has upwardly and downwardly struck up lugs or spurs 12 and 13 to embed into the heel 1 and the rubber or cushion heel 3, so as to prevent the rubber or cushion heel 3 from turning after having been once adjusted. The plate 5 constitutes means to prevent the head of the screw from pulling through the rubber or cushion heel 3, while the tongues 6 engaging the recesses 7 of the depression act to yieldably bear against the rubber heel, to more securely hold the same in place. The closer the plate 5 is pressed to the rubber or cushion heel more secure the heel 3 is held in place. After the screw 9 has been unscrewed a certain distance, a suitable tool may engage the tongues of the plate 5, so that by turning the plate, the heel will rotate therewith, for adjusting the same in different positions, so as to wear evenly.

The invention having been set forth, what is claimed as new and useful is:—

In combination with a shoe heel, a rubber cushion heel, the bottom face of the cushion heel having a depression extending upwardly substantially a half of the thickness of the cushion heel, said depression being provided with a plurality of radial recesses which are rectangular and having their outer end walls undercut, means located in said depression for securing the rubber cushion heel to the shoe heel, said means comprising a pronged spring plate corresponding to and fitting up into said depression, whereby the prongs may engage the radial recesses, said plate being dished or bowed downwardly centrally and having the outer ends of said prongs V-shaped to engage the under cut end walls, and a screw passing centrally through said plate and threaded into the

rubber cushion and shoe heels, whereby upon adjusting the screw against the action of the spring plate, the prongs will spread the rubber cushion heel and overcome the tendency of the rubber heel to contract or recede from the edge of the shoe heel.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SOTERO QUEVEDO.

Witnesses:
ROY H. HOWARD,
MAMIE TINDALL.